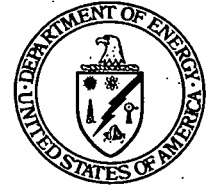


Department of Energy

Ohio Field Office
Fernald Area Office

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



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MAY 30 2000

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V, SRF-5J
77 West Jackson Boulevard
Chicago, IL 60604-3590

DOE-0722-00

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, OH 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF: 1) GREAT MIAMI AQUIFER VAM3D FLOW MODEL RE-CALIBRATION REPORT, AND 2) INTEGRATION OF DATA FUSION MODELING (DFM) WITH VAM3DF CONTAMINANT TRANSPORT CODE REPORT

This letter transmits the subject documents. The reports describe changes and improvements made to the site groundwater model as part of the groundwater model upgrade project. Specifically, the first report details a groundwater flow model re-calibration, which was performed to bring groundwater model predictions of water elevations within the Great Miami Aquifer into closer agreement with measured groundwater elevation values. The second report documents the successful application of Data Fusion Modeling (DFM) technology to the transport of contaminants within the Great Miami Aquifer using the site groundwater model.

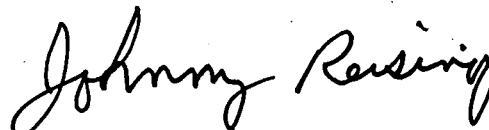
Mr. James A. Saric
Mr. Tom Schneider

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MAY 30 2000

Should you have any questions regarding this submittal, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Projection Manager

FEMP:R.J. Janke

Enclosures

cc w/enclosures:

D. Brettschneider, Fluor Fernald, Inc./52-5
F. Hodge, Tetra Tech
T. Schneider, OEPA-Dayton (total of 2 copies of enclosures)
M. Schupe, HSI GeoTrans

cc w/o enclosures:

K. Broberg, Fluor Fernald, Inc./52-5
W. Hertel, Fluor Fernald, Inc./52-5
M. Jewett, Fluor Fernald, Inc./52-2
R. White, Fluor Fernald, Inc./52-5